

May 31, 1979

PUBLIC NOTICE

NEW MEXICO ENVIRONMENTAL IMPROVEMENT DIVISION

HEALTH AND ENVIRONMENT DEPARTMENT

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DECLASSIFIED
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Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations the following proposed discharge plans have been submitted for approval to the Director of the New Mexico Environmental Improvement Division, P.O. Box 968, Crown Building, 725 St. Michael's Drive, Santa Fe, NM 87503, telephone 505-827-5271.

BISHOP'S LODGE, Mr. James R. Thorpe, Jr., Owner, P.O. Box 2367, Santa Fe, Santa Fe County, New Mexico, 87501, proposes to discharge domestic sewage from an extended aeration package treatment plant by spray irrigation to an adjacent 2 acre land application site. This discharge will take place only during the visitor season, primarily June, July and August, with some spray irrigation also in May and September. The flow will be approximately 25,000 gallons per day of treated and disinfected wastewater, with an estimated BOD₅ concentration of 40 mg/L and an estimated total nitrogen concentration of 25 mg/L. The two acre land application site is located west of the tennis court area of Bishop's Lodge, adjacent to Little Tesuque Creek; Bishop's Lodge is located north of the City of Santa Fe on the east side of State Road 22, Section 5 and 6, Range 10E, Township 17N. The groundwater most likely to be affected is at a depth of two feet, and has a total dissolved solids concentration of approximately 400 mg/L.

CAC MINING COMPANY, Box 2263, Albuquerque, New Mexico, 87103, proposes to discharge water borne rock, sand, and clay wastes from a mechanical gold ore milling operation. The mill site is to be located in Section 24, T12N, R7E near Oro Quay Peak, San Pedro Mountains, Santa Fe County, New Mexico. Approximately 25 tons per day of waste material will be discharged to a lined tailings pond. No chemicals will be used in the milling operation. Depth to the ground water most likely to be affected is estimated to be greater than 70 feet and has a total dissolved solids concentration of 750 milligrams per liter.

CLOVIS, CITY OF, Mr. Charles M. Taylor, Jr., Mayor, P.O. Box 760, Clovis, New Mexico, 88101, proposes to discharge wastewater into 8 aerated lagoons, 2 polishing lagoons, and a storage lagoon, then land apply the effluent to 1000 acres, currently planted in alfalfa, for irrigation. The 1000 acres are owned by Mr. Don Ware and Mr. Jackie Roberts. The lagoons are in Section 33, T2N, R36E, and the 1000 acre land application site is located in Sections 28, 29, 32 and 33 of T2N, R36E, southeast of Clovis, Curry County, New Mexico. The initial flow will be 3.14 million gallons per day, with the effluent from the lagoons having the following design quality: Biochemical Oxygen Demand (BOD₅), 30-50 mg/L; total organic nitrogen 25 mg/L; fecal coliform bacteria, 5,000 colonies per 100 mls, boron .9 mg/L; cadmium, .01 mg/L; and chromium, .05 mg/L. The ground water most likely to be affected by the discharge is at a depth of approximately 200 feet, with a total dissolved solids concentration of about 350 mg/L.

GULF MINERAL RESOURCES CO., 1720 So. Bellaire St., Denver, CO. 80222, proposes to discharge wastes associated with operation of the Mt. Taylor Uranium Mill Project, located approximately 20 miles northeast of Grants, New Mexico, Bartolome Fernandez Grant, T13N, R8W, and T14N, R8W, McKinley County. A tailings pipeline, approximately six miles in length, will transport 1400 gallons per minute of contaminated liquid and solid wastes from the mill process to an unlined tailings retention pond. Ultimate surface area of the pond is estimated to be about 500 acres. A mill impoundment and lined containment basin will be constructed to contain any major mill process spills, process area runoff, washdown water, and sewage water. Depth to ground water along most of the pipeline route is estimated by the Company to be at least 75 feet with unestimated total dissolved solids concentration. Depth to ground water in the vicinity of the tailings retention pond is stated to be greater than 670 feet with a total dissolved solids concentration of approximately 3500 milligrams per liter.

SANTA FE GREEN, Abel Davis, P.O. Box 1932, Santa Fe, New Mexico 87501, proposes to apply with sprinkler irrigation treated sewage effluent piped from Santa Fe's Airport Road Sewage Treatment plant so as to maintain 35 acres of grass covered polo and soccer playing fields. The fields are to be located in Arroyo Calabasas, west of the north end of the Santa Fe Airport runway, Sec. 9, T16N, R7E, Santa Fe County, New Mexico. The total amount of water to be applied during the months of March through December will be 105 acre/feet and maximum estimated daily flow is expected to be 720,000 gallons per day. The groundwater most likely to be affected is at a depth of approximately 80 feet with a total dissolved solid concentration of approximately 82 mg/L.



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SANTA FE PUBLIC SCHOOLS, Dr. Walter T. Weir, Director, 610 Alta Vista, Santa Fe, New Mexico, 87501, proposes to discharge septic tank effluent into conventional leachfields from an elementary school to be constructed at the El Dorado Subdivision on the Northeast corner of the streets Vista Grande and Torreone, T15N, R10E, Santa Fe County, New Mexico. Total maximum flow is anticipated to be 7,000 gallons per day. The ground water most likely to be affected is at a depth of approximately 100 feet and has a dissolved solid concentration of approximately 142 mg/L.

SUNNYSIDE TRAILER PARK, Mr. Thatcher Boardman, Owner, P.O. Box 1166, Gallup, New Mexico, 87301, proposes to discharge domestic sewage from the trailer park located north of the Gallup City limits in Section 14 of T15N, R18W, McKinley County, New Mexico. Approximately 5,000 gallons per day will be discharged through four septic tanks connected in series, into a leachfield, located on the Sunnyside Trailer Park property. The ground water most likely to be affected is at a depth of approximately 100 feet and has a total dissolved solids concentration of approximately 1000 mg/L.

SUNSHINE DAIRY, Mr. Homer Garza, owner, P.O. Box 34, Mesquite, New Mexico, 88048, proposes to discharge dairy barn wastewater and manure-contaminated runoff from his proposed 300 cow (to possibly expand to 500 cow) dairy. The proposed dairy will be located approximately 1 1/4 miles east of Vado, Dona Ana County, New Mexico, along Interstate 10, Section 21 of T25S, R3E. The discharge is estimated to be 17,500 gallons per day, to go either into two manure-lined lagoons located in the southwest corner of the property, or to irrigate 41 acres of alfalfa rotating with barley during the crop growing season. The estimated nitrogen concentration from the dairy wastes is 131 mg/L total nitrogen. The ground water most likely to be affected is at a depth of 80-85 feet, with a total dissolved solids concentration of about 1900 mg/L.

UNITED WORLD OF THE UNIVERSE FOUNDATION, Fred Segal, P.O. Box 2800, El Paso, Texas, 79999, proposes to discharge septic tank effluent into conventional leachfields from a youth camp to be located proximal to Eagle Creek in the NE 1/4 Section 2, T11S, R13E, Lincoln County, New Mexico. Total maximum flow for the youth camp is expected to be 2,800 gallons per day. The groundwater most likely to be affected is at a depth of approximately 45 feet and has a total dissolved solid concentration of approximate 500 mg/L.

Any interested person may obtain further information from the Permits and Regulations Unit, Water Quality Section, EID, and may submit written comments to the Director of the EID at the address given above. Prior to ruling on any proposed discharge plan or its modification, the Director of EID will allow thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person.

Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

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